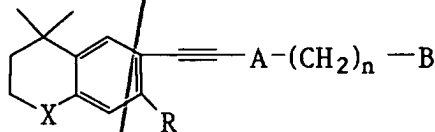


WHAT IS CLAIMED IS:

1. A compound of the formula



where X is S, O, or NR' where R' is hydrogen or lower alkyl; R is hydrogen or lower alkyl; A is pyridyl, thienyl, furyl, pyridazinyl, pyrimidinyl or pyrazinyl; n is 0-2; and B is H, -COOH or a pharmaceutically acceptable salt, ester or amide thereof, -CH₂OH or an ether or ester derivative, or -CHO or an acetal derivative, or -COR₁ or a ketal derivative where R₁ is -(CH₂)_mCH₃ where m is 0-4, or a pharmaceutically acceptable salt thereof.

2. A compound of claim 1 where X is S, R is hydrogen, A is pyridyl, thienyl or furyl and n is 0 or 1.

3. A compound of claim 2 where A is ~~pyridyl~~ and B is -COOH or a pharmaceutically acceptable salt, lower alkyl ester or mono- or di-lower alkyl amide thereof.

4. A compound of claim 3 which is ethyl 6-[2-(4,4-dimethylthiochroman-6-yl)ethynyl]nicotinate or a pharmaceutically acceptable salt thereof.

5. A compound of claim 3 which is 6-(2-(4,4-dimethylthiochroman-6-yl)-ethynyl)nicotinic acid or a pharmaceutically acceptable salt thereof.

6. A compound of claim 2 where B is -CH₂OH or a lower alkyl ether or lower alkyl acid ester thereof.

1
2 7. A compound of claim 6 which is
3 6-(2-(4,4-dimethylthiochroman-6-yl)-ethynyl)-3-pyridylmethanol.
4

5 8. A compound of claim ² where B is -CHO or an acetal
6 derivative thereof.
7

8 9. A compound of claim 8 which is
9 2-(2-(4,4-dimethylthiochroman-6-yl)-ethynyl)-5-pyridinecarboxalde-
10 hyde.
11

12 10. A compound of claim ² where A is thienyl.
13

14 11. A compound of claim ¹⁰ which is ethyl
15 5-[2-(4,4-dimethylthiochroman-6-yl)ethynyl]thienyl-2-carboxylate.
16

17 12. A compound of claim ¹ where X is S, R is lower alkyl, A is
18 pyridyl, thienyl or furaryl and n is 0 or 1.
19

20 ¹¹ ~~13~~ A compound of claim ¹⁰ ~~12~~ which is 6-(2-(4,4,7-trimethylthio-
21 chroman-6-yl)ethynyl)nicotinic acid or a pharmaceutically acceptable
22 salt thereof.
23

24 14. A compound of claim ¹ where X is O, R is hydrogen, A is
25 pyridyl, thienyl or furyl and n is 0 or 1.
26

27 ¹³ ~~15~~ A compound of claim ¹² ~~14~~ where ~~A is pyridyl~~, B is -COOH or a
28 pharmaceutically acceptable salt, lower alkyl ester or mono- or di-low-
29 er alkyl amide thereof.
30

31 16. A compound of claim ¹⁵ which is

1 6-[2-(4,4-dimethylchroman-6-yl)ethynyl]nicotinic acid or a
2 pharmaceutically acceptable salt thereof.

3
4 17. A compound of claim 15 which is ethyl
5 6-[2-(4,4-dimethylchroman-6-yl)ethynyl]nicotinate or a
6 pharmaceutically acceptable salt thereof.

7 ¹⁶
8 ¹²
9 18. A compound of claim 14 where B is -CH₂OH or a lower alkyl
10 ether or lower alkyl acid ester thereof.

11 19. A compound of claim 14 where B is -CHO or an acetal
12 derivative thereof.

13
14 20. A compound of claim 1 where X is NR', R' is hydrogen or
15 lower alkyl; R is hydrogen, A is pyridyl, thienyl or furyl and n is 0 or 1.

16
17 21. A compound of claim 20 where A is pyridyl, B is -COOH or a
18 pharmaceutically acceptable salt, lower alkyl ester or mono- or di-low-
19 er alkyl amide thereof.

20
21 22. A compound of claim 21 which is 6-[2-(4,4-dimethyl-
22 1,2,3,4-tetrahydroquinolin-6-yl)ethynyl]nicotinic acid or a
23 pharmaceutically acceptable salt thereof.

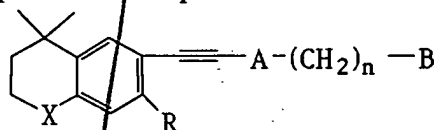
24 ²³
25 22. A compound of claim 21 which is ethyl 6-[2-(4,4-dimethyl-
26 1m2m3m4-tetrahydroquinolin-6-yl)ethynyl]nicotinate or a
27 pharmaceutically acceptable salt thereof.

28 ²⁴
29 23. A compound of claim 20 where B is -CH₂OH or a lower alkyl
30 ether or lower alkyl acid ester thereof.

31

24. A compound of claim 20 where B is -CHO or an acetal derivative thereof.

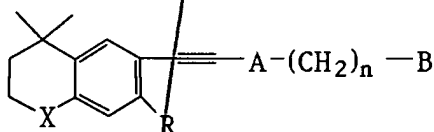
25. A pharmaceutical composition comprising a
pharmaceutically acceptable excipient and a compound of the formula



7 where X is S, O, or NR' where R' is hydrogen or lower alkyl; R is
8 hydrogen or lower alkyl; A is pyridyl, thienyl, furyl, pyridazinyl,
9 pyrimidinyl or pyrazinyl; n is 0-2; and B is H, -COOH or a
10 pharmaceutically acceptable salt, ester or amide thereof, -CH₂OH or an
11 ether or ester derivative, or -CHO or an acetal derivative, or -COR₁ or a
12 ketal derivative where R₁ is -(CH₂)_mCH₃ where m is 0-4, or a
13 pharmaceutically acceptable salt thereof.

~~26. A composition according to claim 25 useful for treating~~
~~psoriasis in a mammal.~~

18 ~~26. A method for treating psoriasis in a mammal which method~~
19 ~~comprises administering alone or in conjunction with a~~
20 ~~pharmaceutically acceptable excipient, a therapeutically effective~~
21 ~~amount of a compound of the formula~~



23 where X is S, O, or NR' where R' is hydrogen or lower alkyl; R is
24 hydrogen or lower alkyl; A is pyridyl, thienyl, furyl, pyridazinyl,
25 pyrimidinyl or pyrazinyl; n is 0-2; and B is H, -COOH or a
26 pharmaceutically acceptable salt, ester or amide thereof, -CH₂OH or an
27 ether or ester derivative, or -CHO or an acetal derivative, or -COR₁ or a
28 ketal derivative where R₁ is -(CH₂)_mCH₃ where m is 0-4, or a

-54-

¹ pharmaceutically acceptable salt thereof.

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